



SEPTEMBER 2005 ENGINEERING AND RELATED SERVICES SOLICITATION

CONCLUDED:
MI LARGE CONTRACT (D) DUE DATES:
**** OPEN TO ALL FIRMS**

September 22, 2004
October 13, 2004

A = Estimated Consultant Contract cost < \$100,000
B = Estimated Consultant Contract cost > \$100,000 but less than \$1,000,000
C = Local Unit of Government Selects Consultant
D = Estimated Consultant Contract cost > \$1,000,000

Concept Definition Reports or Scope of Service narratives are included as supplements to this solicitation. They are current at the time of Internet publication but are subject to change. Click on the PROJECT ID for more detail.

DISTRICT & SOLICITATION #	PROJECT ID	ANTICIPATED CONSTRUCTION COST	ANTICIPATED SELECTION DATE	ANTICIPATED PROJECT START DATE	ANTICIPATED PROJECT COMPLETION DATE	DBE GOAL ? (Yes or No)	LOCAL SELECTION? (Yes or No)	CONTACT PERSON	TELEPHONE #
DISTRICT 1									
D1 1B	5989-01-07	\$ 9,200,000	15-Nov-04	2-Jan-05	30-Sep-07	Y	Y	Gary Sassman	(608) 246-3859
D1 1C	3997-00-20	\$ 585,000	1-Nov-04	1-Feb-05	1-Feb-07	No	Yes	Stacy Johnson	(608) 829-3858
DISTRICT 2									
D2 1B	0690-62-70	N/A	1-Sep-04	1-Oct-04	30-Jun-06	No	No	Bob Wazniak	(262) 548-8658
D2 2B	0690-62-47	N/A	1-Sep-04	1-Oct-04	30-Jun-06	No	No	Bob Wazniak	(262) 548-8658
D2 1C	2415-06-00	\$ 3,600,000	1-Oct-04	1-Dec-04	1-Feb-07	Yes	Yes	Peter Daniels	(414) 302-8374
D2 2C	2410-11-00	\$ 1,100,000	1-Sep-04	1-Nov-04	1-Feb-07	Yes	Yes	Peter Daniels	(414) 302-8374
D2 3C	2739-01-00	\$ 350,000	1-Sep-04	1-Nov-04	1-Nov-05	No	Yes	Bert Caverson	(262) 250-4721
D2 4C	2740-00-00	\$ 230,000	1-Sep-04	1-Nov-04	1-Nov-05	No	Yes	Bert Caverson	(262) 250-4721
DISTRICT 4									
D4 1C	6999-08-09	N/A	1-Nov-04	1-Jan-05	1-Jan-07	Yes	Yes	Jim Wendels	(715) 421-8342
DISTRICT 8									
D8 1C	8681-05-00	\$ 250,000	1-Oct-04	1-Nov-04	1-Aug-05	No	Yes	Paul King	(715) 395-7333
MARQUETTE INTERCHANGE									
MI 1B	XXXX-XX-XX**	\$ 65,000,000	Oct-05	Oct-05	Nov-07	Yes	No	Gerry Anderson	(608) 266-8488
MI 1D	1060-25-88**	\$ 500,000,000	15-Dec-04	24-Jan-05	1-Apr-09	Yes	No	Amy Rivers	(262) 548-8708
MI 2D	1060-05-72**	\$ 30,000,000	15-Dec-04	31-Jan-05	1-Aug-08	No	No	Amy Rivers	(262) 548-8708
MI 3D	XXXX-XX-XX**	\$ 260,000,000	Dec-05	Dec-05	Nov-08	Yes	No	Gerry Anderson	(608) 266-8488



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 1

Scope of Service Narratives:

D1 1B

Project ID: 5989-01-07

Gateway Boulevard, City of Beloit
Eagles Ridge Road – Hart Road
Rock County

Use DT1820 Special Consultant Solicitation NOI provided for this project

Project purpose and need:

Beloit Gateway is a new development on the east side of IH 90 and south of IH 43 in Rock County. This development is a very important part of the future growth of the City of Beloit and surrounding area. This project extends this development to the north towards IH 43.

Existing Gateway Boulevard dead-ends at Eagles Ridge Drive. This project will extend Gateway Boulevard 1.75 miles to Hart Road. This extension will provide access to the Beloit Gateway Development from IH 43 and will improve access to new development within the gateway. This roadway has a projected 2008 traffic volume ADT of 6,450 and will be classified as an urban minor arterial. However, this project is the final piece, which will complete the route connecting two interstate roads, IH-39/90 & IL 75 to IH-43 and might be designated as a principal arterial in the future.

Project description:

The proposed improvement is to construct a new 4-lane undivided urban roadway on new alignment. Improvements will include curb and gutter, storm sewer, sidewalk, signing and marking. This project will require a new railroad crossing and a new structure for Spring Brook Creek.

Deliverables:

The successful consultant will need to complete a minor corridor study to determine the alignment and any environmental issues associated with the project. For the selected alignment, the consultant will be required to deliver an environmental document, Transportation Project Plat (TPP), Railroad Crossing Report, Design Study Report, Preliminary Plan, final PS&E plan and documents.

Schedule for deliverables

- Complete corridor study – May 2005
- Environmental document – July 2005
- Preliminary TPP–August 2005
- Design Study Report & Preliminary Plan – October 2005
- Final TPP – November 2005
- Final PS&E package – September 2007
- Construction year - 2008

The department provides:

- Project agreement
- As-builts for the adjacent Gateway Boulevard
- A project scoping document - Memorandum of Understanding (MOU)

Consultant requirements:

- Knowledge of and experience in urban roadway design.
- Knowledge and skills required for urban intersection design.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Transportation District 1 (cont.)

- Public involvement
- Ability to work with the local community
- Familiarity with WisDOT FDM and PS&E process
- Familiarity with railroad coordination in regards to roadway projects
- Familiarity with DOT right-of-way plats & TPP process
- Structure design
- Project management skills

Special skills and expectations:

This project will require a new railroad crossing of the Union Pacific Railroad. Railroad coordination to construct this new crossing will be a part of this contract.

The project will also require structure plans for the crossing of Spring Brook Creek.

Project will require field survey for plans production.

Interviews will be conducted with the short-list of consultants. The City of Beloit will be participating in the consultant selection process.

The selection criteria will be based on the requirements listed above.

For more information, contact Gary Sassman, WisDOT Project Manager at (608) 246-3859.

D1 1C

Project I.D. 3997-00-20

Milwaukee Street Bridge & Approaches
City of Watertown
(Rock River Bridge)
Local Street
Jefferson County

Use the DT1821 Consultant Solicitation for Local Selection NOI provided for this project

The city of Watertown has received funding in the Local Bridge Program to replace the deficient structure on Milwaukee Street (P-28-709) over the Rock River. The bridge is adjacent to a property listed on the National Register of Historic Places, and a determination of eligibility will need to be made for the bridge, which is a luten arch. The city wants to select a consultant for the design engineering services. Upon successful negotiations with the selected consultant, the city and the department will enter into a Three-Party Design Engineering Services contract.

The selected consultant will provide all necessary reports; handle agency and utility coordination; coordinate public involvement activities; and prepare right of way documents, construction plans and specifications.

The city of Watertown is looking for a consultant that has been involved with similar projects, including coordination with the agencies involved in this project. The city may select three to five consultants to present their qualifications to the consultant selection committee or may select a consultant based on the responses given in the DT1821 Consultant Solicitation for Local Selection NOI.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Transportation District 1 (cont.)

Interested consultants should **not** prepare the department's standard Notice of Interest form. Consultants should use the DT1821 Consultant Solicitation For Local Selection NOI. A link to it can be found at <http://www.dot.wisconsin.gov/business/engrserv/caudesolicit.htm>. It includes the following questions:

1. Describe the services that your firm provides. This should include the location of the offices, stating which office would be providing the services on this project, and should include a listing of the staff that provides services on bridge projects, with their educational background and professional registration.
2. Describe the staff that would be providing services on this project. A flow chart can be helpful.
3. Describe your familiarity with Federal Highway Administration and Department of Transportation's procedures regarding public involvement, environmental documentation and analysis, including historical coordination, utility coordination, right of way plat preparation, and roadway and structure design.
4. List similar projects that your firm has completed. Include the project engineer for each project and a client contact with a phone number.
5. Describe your project approach. This should include a schedule for completion of the services. Limit the answer to this question to two pages.

The city of Watertown engineer requests no contacts regarding this solicitation. Questions may be directed to Stacy Johnson, District 1 Local Program Management Consultant at (608) 829-3858.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 2

Scope of Service Narratives:

D2 1B

Project ID: 0690-60-70

D2 Local Program (Construction)

2005-2007 Local Construction Program

2 Master Contracts will be awarded

Expiration: 30 June 2006

Use DT1820 Special Consultant Solicitation NOI provided for this project

The department is soliciting the work as separate contracts for the design and construction phases.

The consultant will be responsible for coordinating and managing the construction phase of the 2005-2007 Local Highway Program in Waukesha Transportation District 2. The selection will result in a local program management master contract which will be executed with work orders approved when local construction projects are approved and authorized for funding. Work orders approved under the master contract will be remain in effect until related local construction projects are complete.

Scope of services:

General program administration including selecting, negotiating, and administering construction engineering contracts; conducting a plan in hand field constructability review with the design consultant; provide an area construction supervisor to conduct on-site observations of work in progress; review and approve construction engineering consultant invoicing; coordinate resolution of construction problems; review and process contract modifications, approving those up to \$10,000 and forwarding remaining claims to the district with a recommendation for approval/disapproval; attend the final acceptance inspection of the job with the construction engineering consultant, community, and contractor; provide an overview of final closeout documents for compliance with WisDOT procedures, problem resolution.

Confidentiality/Conflict of Interest:

In the course of performing duties under this contract, the selected consultant will have access to scheduling information, contract estimates and cost information related to other consulting firms which are confidential in nature and for which disclosure to a consulting firm would not normally be permitted under department policy and federal laws and regulations.

In order to maintain the confidentiality of data and avoid conflicts of interest, the selected consultant will agree to the following restrictions/limitations as a condition of accepting the contract:

The consultant administering the local program may not perform work on any phase of any project included within the 2005-2007 district 2 local program.

The consultant shall not use its position as the local program management consultant to its advantage in promoting other services to local units of government.

The consultant will restrict access to project cost estimates, project scheduling information and other consultant's cost information to employees approved by the department. The consultant will insure that its employees with access to confidential information will maintain the confidentiality of such information.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Transportation District 2 (cont.)

The consultant will maintain confidentiality of cost data pertaining to contracts with other consultants and will share such data only with the minimum number of employees necessary to perform services required under the contract.

The consultant will limit their access to scheduling information, contract estimates and cost information to those department programs with projects included in the contract.

Employees with access to confidential information as well as other employees who participate in the selection and negotiation of consultant contracts may not be involved in negotiation of other contracts between the consultant and the department during the term of the local program management contract.

A short list will be developed based on a review of qualifications of consultant firms responding to this solicitation. Formal interviews will be conducted. Selected firms will be notified of date and time. For more information, contact Robert Wazniak at (262) 548-8658.

D2 2B

Project ID: 0690-62-47

D2 Local Program (Design)

2005-2007 Local Design Program

3 Master Contracts will be awarded

Expiration: 30 June 2006

Use DT1820 Special Consultant Solicitation NOI provided for this project

Work to be performed under one master contract includes local program projects but specifically excludes projects defined as Enhancement, CMAQ, TEA and Discretionary.

Work to be performed under one master contract to include CMAQ, Enhancement, Discretionary and TEA projects in Waukesha Transportation District 2.

The consultant will be responsible for coordinating and managing the design phase of the 2005-2007 Local Highway Program in District 2. The selection will result in an administrative contract to cover costs incurred prior to identification and authorization of local projects. A local program management master contract will also be executed with work orders approved when local projects are approved and authorized for funding. The administrative contract will be in effect until subsequent contracts are in place for management of the 2007-2009 local program. Work orders approved under the master contract will remain in effect until related local projects move into the construction phase.

Scope of services:

General program administration including coordination of project applications with local units of government and central office; design contract administration including oversight and assistance to local units of government in selecting negotiating and administering 3-party design contracts; design review, submittal and coordination with central office; problem resolution.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Transportation District 2 (cont.)

Confidentiality/Conflict of Interest:

In the course of performing duties under this contract, the selected consultant will have access to scheduling information, contract estimates and cost information related to other consulting firms which are confidential in nature and for which disclosure to a consulting firm would not normally be permitted under department policy and federal laws and regulations.

In order to maintain the confidentiality of data and avoid conflicts of interest, the selected consultant will agree to the following restrictions/limitations as a condition of accepting the contract:

The consultant administering the local program may not perform work on any phase of any project included within the 2003-2005 district 2 local program.

The consultant shall not use its position as the local program management consultant to its advantage in promoting other services to local units of government.

The consultant will restrict access to project cost estimates, project scheduling information and other consultant's cost information to employees approved by the department. The consultant will insure that its employees with access to confidential information will maintain the confidentiality of such information.

The consultant will maintain confidentiality of cost data pertaining to contracts with other consultants and will share such data only with the minimum number of employees necessary to perform services required under the contract.

The consultant will limit their access to scheduling information, contract estimates and cost information to those department programs with projects included in the contract.

Employees with access to confidential information as well as other employees who participate in the selection and negotiation of 3-party consultant contracts may not be involved in negotiation of other contracts between the consultant and the department during the term of the local program management contract.

A short list will be developed based on a review of qualifications of consultant firms responding to this solicitation. Formal interviews will be conducted. Selected firms will be notified of date and time. For more information, contact Robert Wazniak at (262) 548-8658.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Transportation District 2 (cont.)

D2 1C

Project ID: 2415-06-00

S. 60th Street (Local Street)

W. Lincoln Avenue to North city limits

City of West Allis

Milwaukee County

Use the DT1821 Consultant Solicitation for Local Selection NOI provided for this project

Project scope:

The city of West Allis has entered into a project agreement with the Wisconsin Department of Transportation under the STP-M program for the reconstruction of S. 60th Street from W. Lincoln Ave to North city limits. The project has been authorized to incur costs effective April 29, 2004.

The project consists of an urban reconstruction without additional lanes with a length of approximately 1.57 miles. The project will include easement and right of way acquisition, landscaping, storm sewer, sidewalk, railroad crossing work, hazardous materials, traffic signals and decorative street lighting. The project is currently scheduled for construction in 2007.

Consulting services:

Upon successful negotiations with the selected consultant, the city and the department will enter into a three party design engineering services contract with the consultant. Work to be provided by the selected consultant will include, but not be limited to, all necessary reports, agency and utility coordination, right of way and easement acquisition, public involvement, and preparation of construction plans and specifications.

Consultant selection:

The city is looking for a consultant who has completed similar projects including public involvement and coordination with all agencies involved in this project. The city may select three consultants to present their qualifications to the consultant selection committee, or the city may select a consultant based on the responses given in the DT1821 Consultant Solicitation for Local Selection NOI, Solicitation Number D2 1C. Please use this form for your response and mail six copies directly to the City of West Allis. A link to it can be found at: <http://www.dot.wisconsin.gov/business/engrserv/caudesolicit.htm>. It includes the following questions:

1. Describe the services that your firm provides. This should include the location of the offices, stating which office would be providing the services on these projects, and should include a listing of the staff that provides services on transportation projects, with their educational background and professional registration.
2. Describe the staff that would be providing services on these projects. This should also include the subconsultants that would be used. A flow chart can be helpful.
3. Describe your familiarity with Federal Highway Administration and the department's procedures regarding public involvement, historical coordination, environmental documentation and analysis, utility coordination, right-of-way plat preparation, and roadway design.
4. List similar projects that the project engineer for these projects has completed within the last three years and similar projects done by the office working on these projects that have been completed within the last three years. Include the project engineer for each project and a client contact with a phone number.
5. Describe your project approach. This should include a schedule for completion of the services. Limit the answer to this question to two pages.

Direct questions to Peter Daniels, Principal Engineer, City of West Allis, at (414) 302-8374.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Transportation District 2 (cont.)

D2 2C

Project ID: 2410-11-00

W. National Avenue (Local Street)
S. 92nd Street to S. 85th Street
City of West Allis
Milwaukee County

Use the DT1821 Consultant Solicitation for Local Selection NOI provided for this project

Project scope:

The city of West Allis has entered into a project agreement with the Wisconsin Department of Transportation under the STP-M program for the reconstruction of W. National Avenue. The project has been authorized to incur costs effective April 29, 2004.

The project consists of an urban reconstruction without additional lanes with a length of approximately 0.57 miles. The project will include easement and right of way acquisition, landscaping, storm sewer, and street lighting. The project is currently scheduled for construction in 2007.

Consulting services:

Upon successful negotiations with the selected consultant, the city and the department will enter into a three party design engineering services contract with the consultant. Work to be provided by the selected consultant will include, but not be limited to all necessary reports, agency and utility coordination, right of way and easement acquisition, public involvement, and preparation of construction plans and specifications.

Consultant selection:

The city is looking for a consultant who has completed similar projects including public involvement and coordination with all agencies involved in this project. The city may select three consultants to present their qualifications to a consultant selection committee, or the city may select a consultant based on the responses given in the DT1821 Consultant Solicitation for Local Selection NOI, Solicitation Number D2 2C. Please use this form for your response and mail six copies directly to the City of West Allis. A link to it can be found at: <http://www.dot.wisconsin.gov/business/engrserv/caudesolicit.htm>. It includes the following questions:

1. Describe the services that your firm provides. This should include the location of the offices, stating which office would be providing the services on these projects, and should include a listing of the staff that provides services on transportation projects, with their educational background and professional registration.
2. Describe the staff that would be providing services on these projects. This should also include the subconsultants that would be used. A flow chart can be helpful.
3. Describe your familiarity with Federal Highway Administration and the department's procedures regarding public involvement, historical coordination, environmental documentation and analysis, utility coordination, right-of-way plat preparation, and roadway design.
4. List similar projects that the project engineer for these projects has completed within the last three years and similar projects done by the office working on these projects that have been completed within the last three years. Include the project engineer for each project and a client contact with a phone number.
5. Describe your project approach. This should include a schedule for completion of the services. Limit the answer to this question to two pages.

Direct questions to Peter Daniels, Principal Engineer, City of West Allis, at (414)-302-8374.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Transportation District 2 (cont.)

D2 3C

Project ID: 2739-01-00

Freistadt Road Bridge P-66-0700 (Local Bridge)
Between Division Road and STH 175
Village of Germantown
Washington County

Use the DT1821 Consultant Solicitation for Local Selection NOI provided for this project

Project scope:

The village of Germantown has entered into a project agreement with the Wisconsin Department of Transportation under the STP- Local Bridge program for the reconstruction of Freistadt Road Bridge. The project has been authorized to incur costs effective April 6, 2004.

The project consists of bridge replacement with approach work. Current structure will be expanded from two-lanes to four lanes. The project may include easement and right of way acquisition and restoration. The project is currently scheduled for construction in 2006.

Consulting services:

Upon successful negotiations with the selected consultant, the village and the department will enter into a three party design engineering services contract with the consultant. Work to be provided by the selected consultant will include, but not be limited to all necessary reports, agency and utility coordination, right of way and easement acquisition, public involvement, and preparation of construction plans and specifications.

Consultant selection:

The village is looking for a consultant who has completed similar projects including public involvement and coordination with all agencies involved in this project. The village may select three consultants to present their qualifications to the consultant selection committee, or the village may select a consultant based on the responses given in the DT1821 Consultant Solicitation for Local Selection NOI, Solicitation Number D2 3C. Please use this form for your response and mail six copies directly to the Village of Germantown. A link to it can be found at: <http://www.dot.wisconsin.gov/business/engrserv/caudesolicit.htm>. It includes the following questions:

1. Describe the services that your firm provides. This should include the location of the offices, stating which office would be providing the services on these projects, and should include a listing of the staff that provides services on transportation projects, with their educational background and professional registration.
2. Describe the staff that would be providing services on these projects. This should also include the subconsultants that would be used. A flow chart can be helpful.
3. Describe your familiarity with Federal Highway Administration and department's procedures regarding public involvement, historical coordination, environmental documentation and analysis, utility coordination, right-of-way plat preparation, and roadway design.
4. List similar projects that the project engineer for these projects has completed within the last three years and similar projects done by the office working on these projects that have been completed within the last three years. Include the project engineer for each project and a client contact with a phone number.
5. Describe your project approach. This should include a schedule for completion of the services. Limit the answer to this question to two pages.

Direct questions to Bert Caverson, Director of Public Works, Village of Germantown, at (262) 250-4721.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Transportation District 2 (cont.)

D2 4C

Project ID: 2740-00-00

Lilac Lane Bridge P-66-0711 (Local Bridge)
Between Division Road and Maple Road
Village of Germantown
Washington County

Use the DT1821 Consultant Solicitation for Local Selection NOI provided for this project

Project scope:

The village of Germantown has entered into a project agreement with the Wisconsin Department of Transportation under the STP- Local Bridge program for the reconstruction of Lilac Lane Bridge. The project has been authorized to incur costs effective April 6, 2004.

The project consists of bridge replacement with approach work for a two lane structure containing a bicycle/pedestrian path. The project may include easement and right of way acquisition and restoration. The project is currently scheduled for construction in 2006.

Consulting services:

Upon successful negotiations with the selected consultant, the village and the department will enter into a three party design engineering services contract with the consultant. Work to be provided by the selected consultant will include, but not be limited to all necessary reports, agency and utility coordination, right of way and easement acquisition, public involvement, and preparation of construction plans and specifications.

Consultant selection:

The village is looking for a consultant who has completed similar projects including public involvement and coordination with all agencies involved in this project. The village may select three consultants to present their qualifications to the consultant selection committee, or the village may select a consultant based on the responses given in the DT1821 Consultant Solicitation for Local Selection, NOI, Solicitation Number D2 4C. Please use this form for your response and mail six copies directly to the Village of Germantown. A link to it can be found at: <http://www.dot.wisconsin.gov/business/engrserv/caudesolicit.htm>. It includes the following questions:

1. Describe the services that your firm provides. This should include the location of the offices, stating which office would be providing the services on these projects, and should include a listing of the staff that provides services on transportation projects, with their educational background and professional registration.
2. Describe the staff that would be providing services on these projects. This should also include the subconsultants that would be used. A flow chart can be helpful.
3. Describe your familiarity with Federal Highway Administration and the department's procedures regarding public involvement, historical coordination, environmental documentation and analysis, utility coordination, right-of-way plat preparation, bridge design and roadway approach design.
4. List similar projects that the project engineer for these projects has completed within the last three years and similar projects done by the office working on these projects that have been completed within the last three years. Include the project engineer for each project and a client contact with a phone number.
5. Describe your project approach. This should include a schedule for completion of the services. Limit the answer to this question to two pages.

Direct questions to Bert Caverson, Director of Public Works, Village of Germantown, at (262) 250-4721.



TRANSPORTATION DISTRICT 4

Scope of Service Narratives:

D4 1C

Project ID: 6999-08-09

Wisconsin Rapids East Arterial

(South Wood County Area)

(Village of Port Edwards/City of Wisconsin Rapids/Town of Grand Rapids)

Corridor Study

Wood County

Use DT1821 Consultant Solicitation for Local Selection NOI provided for this project

Begin: January 2005

End: January 2007

The department is soliciting services for a corridor study. The corridor study will involve the following phases: purpose and needs analysis, environmental screening, public involvement and development of preliminary engineering concepts and alternatives along with estimated costs, which address the needs identified.

The corridor begins in the village of Port Edwards and proceeds easterly across the Wisconsin River along the Wood County Highway Z corridor. It then crosses WIS 13 and proceeds northeasterly until the 20th Street corridor. The corridor then continues northerly along the 20th Street corridor until it terminates at the intersection of WIS 54 and Wood County Highway W. The approximate length of the entire corridor is four miles.

A recent long-range transportation plan has been completed for the South Wood County area. Under a planned growth scenario in the long-range transportation plan, it was determined that transportation investments along this corridor would enhance mobility within the region. Reductions in both vehicle miles of travel and vehicle hours of travel were estimated to occur if these corridor improvements were constructed.

The intent of this study is to provide the department, municipalities, other agencies and stakeholders with a comprehensive report and public involvement process that identifies the transportation purpose and need, associated environmental concerns and evaluates a range of alternatives, which address these needs and concerns. Particular engineering concepts will need to be developed at the terminus within the village of Port Edwards and at the intersection of STH 13, the East Arterial and CTH Z.

The department envisions this study will subsequently be used to assist with the scoping, scheduling and budgeting of future transportation improvement projects along this corridor.

For more information contact, James G. Wendels, SPO-Planning at (715) 421-8342.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 8

Scope of Service Narratives:

D8 1C

Project ID: 8681-05-00

Use DT1821 Consultant Solicitation for Local Selection NOI provided for this project

Date: September 9, 2004

To: Director, Bureau of Highway Development

From: District 8

CONCEPT DEFINITION REPORT

I. Design ID: 8681-05-00 Related Construction ID(s): 8681-05-71
Highway No. or Local Road Name: Belknap Street (USH 2)
Title: Belknap Street @ Banks Avenue Intersection Safety Improvement
County: Douglas Length: Spot Location
Functional Class: Principal Arterial Current ADT: 17000 vpd (2002)
LOCATION: The project is located along Belknap Street (USH 2) west of the intersection with Tower Avenue (STH 35) in the City of Superior.

II. A. Roadway Conditions: 4-lane urban
Pavement: Type: PCC Width : 26 feet Year: 1984
IRI: N/A PDI: N/A
Shoulder: Type: Concrete Curb & Gutter Width: N/A
Accident Rate: 2.91 crashes/MEV Year: 5 year crash average
Substandard Alignment: Horizontal: N/A Vertical: N/A

JUSTIFICATION: Eastbound Belknap Street vehicles are not heeding the posted 'No Left Turn' sign and are making a left turn on to northbound Banks Avenue creating a conflict with westbound Belknap Street traffic. A number of crashes have occurred at this location due to the turning movement.

III. PROPOSED IMPROVEMENT: Reconstruct and geometrically realign the intersection to provide for a dedicated left turn lane from Eastbound Belknap Street to Northbound Banks Avenue.
Environmental documentation type: 2 pER
Improvement Type: RECST (HES)
Total Cost Program Year (SFY): 2005
Local Participation: 10% City of Superior Access Control: N/A
CSD Impact Level: N/A Amenities Budget: N/A
Right of Way Acquisition: None
NATIONAL HIGHWAY SYSTEM ☐ Yes ☐ EXEMPT ☐ Yes ☐

Project Supervisor: Jeff Emerson /(Anna Davey)

Recommended for acceptance: Glenn Landis, PE

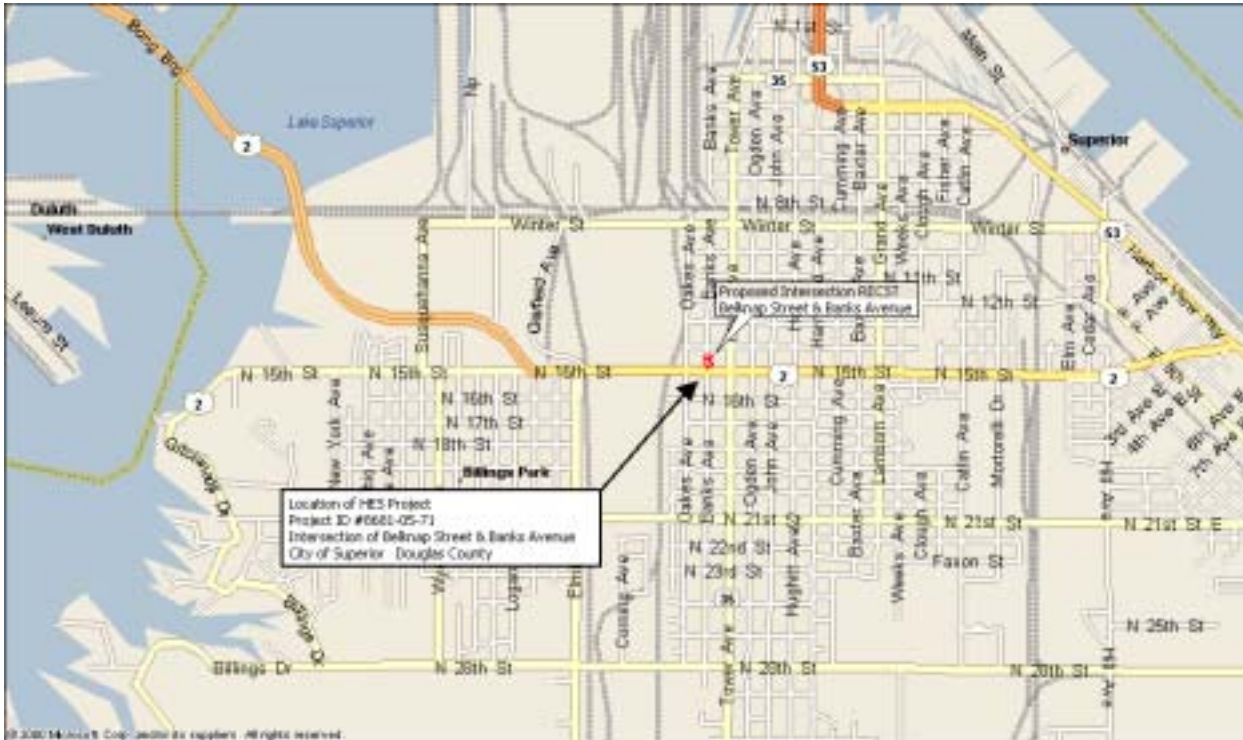
Accepted By: *Glenn R. Landis* Original Acceptance Date: April 13, 2004

For more information, contact Paul King, City Engineer, Superior, at (715) 395-7333.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Transportation District 8 (cont.)



Superior Transportation District 8, City of Superior project location map



MARQUETTE INTERCHANGE

Scope of Service Narratives:

MI 1B

Project ID: XXXX-XX-XX

Shop drawing review and acceptance

Use the DT1819 Consultant Solicitation Open to All Firms NOI created for this project. This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are.

The department seeks a consultant firm to perform shop drawing review and acceptance on the West Leg, Core, and South Leg Marquette Interchange contracts.

Structural plans are being developed for the Marquette Interchange -- a major rebuilding effort at the intersection of Interstates 43, 94, and 794. A number of steel bridges will be designed including combinations of trapezoidal boxes and curved plate girders. High performance grades 50W and 70W steel will be used extensively in these contracts. Plans when let will be given to the contractor who in turn will direct a fabricator to fabricate the steel boxes and girders. Creating shop drawings is part of the fabrication process. To check the adequacy of the shop drawings, a Consultant as required for the needs of the project will check the shop drawings.

Shop drawing review will consist of checking details for character and sufficiency. The general notes must accurately reflect the intentions of the contract. Special Provisions, Contract Plans, and Wisconsin Standard Specifications govern in that order. Dimensional checks to guarantee constructability will be expected in the plan reviews. At least three plate lengths per girder elevation should be checked for correctness. The exactness of the checked dimensions will indicate good reasoning for accepting the unchecked plate dimensions. Steel plate grades, sizes, and their connecting welds are to be examined and verified.

The consultant shall have a minimum of five years experience in the review and acceptance of shop drawings for complex, curved, multiple span steel bridges. The consultant will be required to certify, review, and approve the shop drawings in accordance with the contract documents for the department. Plans are to transfer all shop drawing related document submissions and distributions electronically. An exception to electronic document transfer is that of marked up shop drawings, which can be transferred directly by hard copy providing there is adequate time.

All work associated with and related to this scope will be coordinated through the Division of Transportation Infrastructure Development, Bureau of Structures, Metals and Fabrication Unit in Madison.

The contract price will be based on the selected consultant's actual costs plus profit. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR). Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

For more information contact Gerry Anderson at (608) 266-8488.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Marquette Interchange (cont.)

MI 1D

Project ID: 1060-25-88

Construction Management Services Solicitation
Wisconsin Department of Transportation
Marquette Interchange Program

[Use the DT1822 Consultant Solicitation for Large Contracts NOI created for this project. This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are.](#)

Because of the size, scope and complexity of this project, the department anticipates some firms may enter into teaming arrangements that are not typical for WisDOT construction management contracts.

Teaming may be accomplished through joint ventures of firms or a lead firm as prime consultant with multiple sub-consultants performing a significant portion of the services. WisDOT policy limiting subcontracts to 50% of services will not be enforced for these contracts. There is not a specific percentage of work that must be retained by the prime consultant for this Marquette Interchange construction management contract.

Individual consulting firms may be included as members of multiple teams submitting a notice of interest for these contracts.

WisDOT contracted with URS to act as the Program Construction Management Consultant (PCMC), formerly CMAC, for the Marquette Interchange program. The consultant selected as the prime consultant under this construction management services contract will not be permitted to work as a sub-consultant to URS under the PCMC contract.

Solicitation schedule:

- September 13, 2004 - Notice of Interest (NOI) available on Internet
- October 13, 2004 - NOI's due to Bureau of Financial Services, Contract Administration Unit
- Mid-November, 2004 - Firms scheduled and notified of interview schedule (WisDOT may shortlist)
- Early-December 2004 – Interviews of firms by WisDOT at Milwaukee Amtrak Office
- Late-December 2004 – Anticipated announcement of selected firms

This project consists of providing staff to perform construction management services for the four prime consultant project teams within the Marquette Interchange program. These teams will manage the four main project lets and their related contracts. The primary task of the construction management staff will be to log and track issues, cost, schedule, submittals and project documents utilizing Primavera - Expedition Software.

Complexity Level:	High
Project Manager Required:	No
Support Staff Required:	Yes
Anticipated Number:	6

Restrictions:

15% DBE participation required. Consultant staff must enroll in WisDOT provided Owner Controlled Insurance Program (OCIP). OCIP requires staff to comply with Safety and Health Manual which includes employee drug screening and safety training. WisDOT will be providing Project consultant teams to perform inspection, documentation, payment, and all other typical project level construction engineering functions. WisDOT will also provide program level consultants who will assist the department and staff with program oversight.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Marquette Interchange (cont.)

WisDOT expects that the staff providing construction management services requested in this solicitation will work as a team to seamlessly interact with the project level consultant teams, WisDOT Project Managers and the program level consultants.

Three Positions - Project Construction Management Administrator(s)

Project 1060-05-71 North Leg and related contracts

- Estimated cost: \$102 million
- One full-time position from: February 2005 thru March 2007

Project 1060-05-72,74 West/South Leg and related contracts

- Estimated cost: \$80 million
- One full-time position from February 2005 thru March 2008

Project 1060-05-75 Core contract and related contracts

- Estimated cost: \$300 million
- One full-time position from September 2005 thru March 2009

Duties:

Perform construction management services including change management, meeting facilitation and general office engineering support necessary to monitor, track, review, and report on the contractor's efforts. Review and monitor status of contract progress and projections to complete related to quality of work, cost and schedule. Assist Project Document Control Technician as necessary with document management, document retention, submittal management and record keeping. Review work, plans and specifications as necessary and attend coordination meetings and meetings with contractors. Assist in the interpretation of contract documents, the analysis of contract change order requests and contract modifications.

Direction received:

Report to WisDOT Project Manager with guidance from both Program Construction Management Administrator and Leader.

Responsibilities:

Utilize WisDOT provided Primavera Expedition software for management of construction project documentation related to construction cost issues (including open issues, RFI's, project submittals, contract modification's, etc.) and scheduling issues, quality issues, construction material issues with an emphasis on timely reporting of accurate information to the WisDOT Project Manager. Perform cost estimates on contract modifications within the parameters of the WisDOT Standard Specifications and Construction and Materials Manual. Should be capable of drafting contract modifications and prior approvals forms. Must assist with expediting decisions on time-critical change management issues to prevent delays to the project. Must perform independent reviews of contract progress payments when requested by the Project Manager. Communicate and work effectively with Project Document Control Technician, Resident Engineer and WisDOT Project Manager on daily basis.

Qualifications:

1. Bachelor's degree in Civil Engineering or Construction Management or equivalent training and experience.
2. At least two years of experience in roadway or building construction and contract administration.
3. Registered as an Engineering Intern or Professional Engineer in the State of Wisconsin or acceptable construction management accreditation.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Marquette Interchange (cont.)

4. Have a broad-based knowledge of the construction process and be responsible for various services throughout the Project dealing with a wide variety of assignments.
5. Excellent written and verbal communication skills and the ability to assimilate contract document information and make recommendations in an accurate manner.
6. Excellent competency with MS Office Suite, including Excel spreadsheets. Capable of utilizing Primavera Expedition and learning and utilizing Primavera-scheduling software. Capacity to use or quickly learn how to use WisDOT's Field Manager and other systems.

Working conditions:

Work is performed in a normal office environment or in a trailer located on the construction site. Periodic visits may be required onto the construction site where dirt, dust, debris, uneven terrain, open trenches, heavy material and heavy equipment and traffic hazards exist. This position is subject to the provisions of Marquette Interchange Owner Controlled Insurance Program (OCIP), which requires passing WisDOT provided drug screening test and safety orientation training prior to beginning employment.

Three positions: Project Document Control Technician(s)

Project 1060-05-71 North Leg and related contracts

- Estimated cost: \$102 million
- One full-time position from February 2005 through March 2007

Project 1060-05-72,74 West/South Leg and related contracts

- Estimated cost: \$80 million
- One full-time position from February 2005 through March 2008

Project 1060-05-75 Core Contract and related contracts

- Estimated cost: \$300 million
- One full-time position from September 2005 through March 2009

Duties:

Perform construction management services including document management, document retention, submittal management, record keeping, meeting documentation, and general office engineering support necessary to identify, process, monitor, review, and report on the project construction documents. Assist Project Construction Management Administrator with various change management activities which may include the interpretation of contract documents, the analysis of contract change order requests and contract modifications, review and monitoring of the status of contract progress and projections to complete related to quality of work, cost and schedule. Review work, plans and specifications and attend coordination meetings and meetings with contractors as necessary.

Direction received:

Report to Project Construction Management Administrator with guidance from WisDOT Project Manager, Program Document Control Specialist, Program Construction Management Administrator and Leader.

Responsibilities:

Utilize WisDOT provided Primavera Expedition software for management of construction project documentation (including all incoming and outgoing correspondence, submittals, emails, faxes, phone calls, meeting notes, contract modification's, etc.) Ensure all original project documents are logged, copied, and delivered to the Program Document Control Specialist for filing in a timely manner. Make and distribute copies



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Marquette Interchange (cont.)

of all original documents to project recipients in timely manner. Assist Project Construction Management Administrator as needed with monitoring issues that include contract modifications, scheduling, quality, construction materials, RFI's, and open issues with an emphasis on timely reporting of accurate information. Communicate and work effectively with Project Construction Management Administrator, Program Document Control Specialist, Project Construction Leader (Resident Engineer) and WisDOT Project Manager on daily basis.

Qualifications:

1. Associates degree in Construction Management is preferred or 2 yr equivalent level college education or equivalent training and experience.
2. At least one year of experience in roadway or building construction is preferred. Contract administration experience is also preferred.
3. Good typing and organizational skills.
4. Have a broad-based knowledge of the construction process and be responsible for various services throughout the project dealing with a wide variety of assignments.
5. Excellent written and verbal communication skills and the ability to assimilate contract document information and make recommendations in an accurate manner.
6. Excellent competency with MS Office Suite, including Excel spreadsheets. Capacity to use or quickly learn how to use Primavera Expedition, Field Manager and other WisDOT provided management systems.

Working conditions:

Work is performed in a normal office environment or in a trailer located on the construction site. Periodic visits may be required onto the construction site where dirt, dust, debris, uneven terrain, open trenches, heavy material and heavy equipment and traffic hazards exist. This position is subject to the provisions of Marquette Interchange Owner Controlled Insurance Program (OCIP), which requires passing WisDOT provided drug screening test and safety orientation training prior to beginning employment.

The contract price will be based on the selected consultant's actual costs plus profit. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR). Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

MI 2D

Project ID: 1060-05-72

Dynamic test of high capacity pile installations

Use the [DT1822 Consultant Solicitation for Large Contracts NOI](#) created for this project. This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are.

Work will be performed in parts during the Marquette Interchange reconstruction project that involves a total of approximately 265 substructure units on three separate project parts {contracts 1060-05-72, West (5); 1060-05-75, Core (230) and 1060-05-73, South (30)} where approximate substructure units per part are shown in parentheses. Please note the majority of work will generally pertain to two or three test piles per substructure



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Marquette Interchange (cont.)

unit. For your information please use the following links to find a copy of the Construction Implementation Report at <http://www.dot.wisconsin.gov/business/docs/d2miattach1.pdf> that will be applied, as part of this work and two current Special Provisions at <http://www.dot.wisconsin.gov/business/docs/d2miattach2.pdf> that will be part the department's contract with the contractor completing pile installations. Finally, the work will include, but will not be limited to, the following:

- 1) Provide wave equation analysis (WEAP) to evaluate pile-driving hammers, as submitted by the contractor in accordance with special provisions. At this point, contractor hammer submittals are unlimited.
- 2) Review pile load test program results as necessary and determine the end-of-initial-drive capacity (drive criteria) based upon the estimated plan length of test piles and WEAP analysis for each substructure unit.
- 3) Provide dynamic data collection (PDA) services for initial drive, and short-term (18 to 72 hours) restrike of test piles for all substructure units. Pile-driving operations for test piles are anticipated at up to eight test piles per day with up to three PDAs needed at any one given time. Also, you will determine set-up characteristics based on restrike information and provide further engineering recommendations based on comparisons to other test piles and prior load test results for verification of all pile capacities.
- 4) Provide timely, refined dynamic analysis (CAPWAP) services for PDA data collected, as scoped above and as discussed further in the construction implementation report.
- 5) After reviewing and analyzing all pertinent information for an individual substructure unit, provide to the engineer final drive criteria based on another WEAP analysis that includes realistic, cost effective rationale (i.e. drive criteria at minimum interval of every 3 feet) for either shortening or lengthening production piles. Perform such analyses and work for all substructure units. Project special provisions detail a 2-day turnaround time on analyses. A separate inspector, as provided for by the Department, will inspect and enforce the final drive criteria, as provided by you, for the remaining production piles that the contractor will install in each substructure unit.
- 6) Provide engineering analysis and recommendations when final drive criteria are not being met with any high capacity (150 to 250 ton) pile installations or other pile-driving modifications are needed.
- 7) Provide ultimate pile capacity (end-of-drive and setup) per substructure to the department for the construction engineer's documentation on as-built drawings.
- 8) Provide efficient data analysis and timely recommendations for the engineer that will not unduly burden the contractor. Provide insurance of ability to deliver all above services, so not to delay the contractor when the contractor chooses to operate an anticipated three hammers simultaneously.
- 9) Meet with contractor, departmental personnel and construction engineers/inspectors to resolve disputes and/or conflicts over interpretation of the provided analyses or recommendations.

The contract price will be based on the selected consultant's actual costs plus profit. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR). Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

For more information about solicitation numbers MI 1D and MI 2D, contact Amy Rivers at (262) 548-8708.



SEPTEMBER 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

Marquette Interchange (cont.)

MI 3D

Project ID: XXXX-XX-XX

Shop inspection of fabricated steel

Use the [DT1822 Consultant Solicitation for Large Contracts NOI](#) created for this project. This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are.

The department seeks a consultant firm to perform shop inspection of fabricated steel on the West Leg, Core, and South Leg Marquette Interchange contracts.

Structural plans are being developed for the project that is a major rebuilding effort at the intersection of Interstates 43, 94, and 794. A number of steel bridges will be designed including combinations of trapezoidal boxes and curved plate girders. High performance grades 50W and 70W steel will be extensively used. The steel fabrication will be required to be accomplished within the confines of the contract documents: Contract Plans, Special Provisions, and the Wisconsin Standard Specifications. By extension, this includes the AWS/AASHTO D 1.5 Bridge Welding Code. To ensure compliance, the department through its own inspectors or inspectors from an outside private agency will provide quality assurance inspection.

Shop inspection will consist of quality assurance monitoring of the fabricator's quality control. This will include some independent checks by the inspector. The quality assurance provided is to ensure contract compliance throughout the shop fabrication process. Shop drawings are developed contract documents for direct use by the fabricator to complete fabrication on the shop floor. Fabrication quality control includes oversight of weld procedures, workmanship, material control, documentation, dimensional integrity, non-destructive testing, the qualifying and certifying welders, and the painting system. In general terms, AWS/AASHTO D 1.5 will govern fabrication on the floor and the appropriate AASHTO/NSBA Steel Bridge Collaboration guide specifications will be enforced for QC/QA.

The inspector shall be a certified weld inspector and have a minimum of five years experience in the shop inspection of complex, curved, multiple span steel bridges. All inspection reports are to be electronically submitted every two weeks.

All work associated with or related to this scope will be coordinated through the Division of Transportation Infrastructure Development, Bureau of Structures, Metals and Fabrication Unit in Madison.

The contract price will be based on the selected consultant's actual costs plus profit. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR). Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

Due to the nature of the work and the location of the steel fabrication, the department may have to write multiple contracts in order to facilitate inspection on these projects.

For more information contact Gerry Anderson at (608) 266-8488.